

3.6 HW p 194-195 1-7, 13-17 + extra problem

$$y = -2x + 4$$

$$y = -2x - 5$$

$$(0, 4) \quad y = \frac{1}{2}x + 4$$

$$y = -2x - 5$$

$$\frac{1}{2}x + 4 = -2x - 5$$

$$2\frac{1}{2}x = -9$$

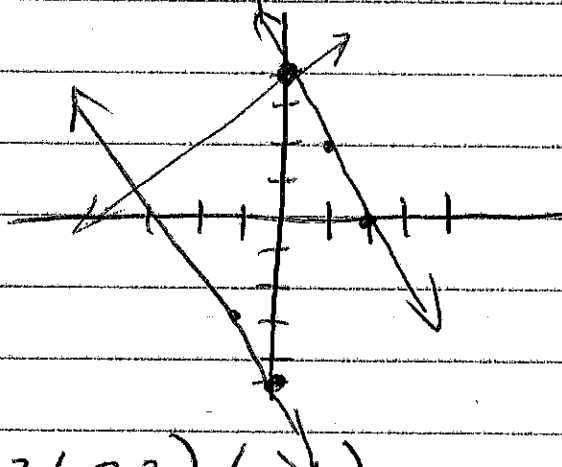
$$x = -3.6$$

$$y = 2.2$$

$$d = \sqrt{(-3.6 - 0)^2 + (2.2 - 4)^2}$$

$$\sqrt{16.2}$$

$$\approx 4.02 \text{ units}$$



1. \overline{AB}

2. If 2 lines intersect to form a L.P of $\cong \angle$ s, then the lines are \perp

3. Complements them

4. (def of \perp) If 2 lines are \perp , then they form 4 right \angle s.

5. $90 - 65 = 25^\circ$ [6] 90° [7] $90 - 38 = 52^\circ$

13. No info about x by or $z \parallel y$

14. \overline{AC} is not $\perp \overline{AB}$

15. $x + 14 + 63 = 90$ [16] $x - 25 + 20 = 90$

$$x = 13$$

$$x = 95$$

17. $2x - 9 + x = 90$

$$3x = 99$$

$$x = 33$$